

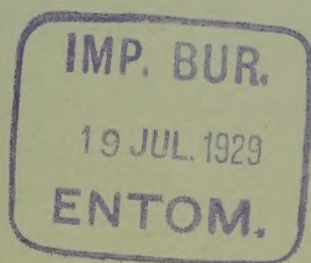






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INSECTA

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# THE MUSEUMS JOURNAL.

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# XI. INSECTA

BY

THE IMPERIAL BUREAU OF ENTOMOLOGY

## FOREWORD

THE attention of readers is directed to the fact that owing to the necessity of keeping the "Insecta" part within reasonable limits, entomological papers written entirely from an economic standpoint are omitted, but abstracts of these will be found in the *Review of Applied Entomology*. Very brief systematic papers, usually those dealing only with a single species, are noticed in the systematic portion only and do not appear in the list of titles.

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*Coleoptera*: BOKOR, *Sophrochaeta* (Silph.), 275; HATCH, *Phaedon* (Chrysom.), key, 1073. — *Diptera*: HENDEL, list of leaf-mining *Diptera*, 1112; SCHMITZ, distribution of European Phoridae, 2265; SÉGUY, Conopidae, Oestridae and Calliphorinae of W. Europe, 2318. — *Protura*: WOMERSLEY, *Eosentomon*, 2840.

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district, 1648; TJEDER, Dalekarklia, Sweden, 2575. — *Hemiptera*: LINDBERG, E. Finland, Cicadina, 1538, E. Finland, Corixidae, list, 1539, Heteroptera from Kamtchatka, 1540, Heteroptera, Lena Valley, 1542. — *Thysanoptera*: MALTBAEK, Denmark, 1619. — *Odonata*: DJAKONOW, Lake Sandal, Olonetz, list, 657; SØMME, Norway, 2405, 2406; VALLE, Finland, additions, 2642. — *Orthoptera*: MIRAM, Yakutsk, 1725.

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Mauritius. *Coleoptera*: CAMERON, *Oligota pallidicornis* sp. n. (Staph.), 423; LESNE, *Sponsor* (Buprest.), key and distribution, 1520.—*Diptera*: ENDERLEIN, *Lioplacella mauritiana* gen. et sp. n. (Sarcoph.), 750.

Rodriguez. *Coleoptera*: CAMERON, Staphylinidae, 420. — *Orthoptera*: HANTSCH, Blattidae, 1043; UVAROV, list of Orthoptera, 2637.

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*Hymenoptera*: WILKINSON, *Apanteles* (Bracon.), revision, 2805.—*Lepidoptera*: SEITZ, Saturniidae (part) and Sphingidae (part), 2324; TALBOT, *Delias* (Pierid.), monograph, 2504;

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2593; WILEMAN & WEST, new Lepidoptera, Philippines, 2796, 2797, 2801, 2802.—*Diptera*: CURRAN, Syrphidae of Malay Peninsula, 588; FREY, Diptera from Philippines, 862, 865, 866; MALLOCH, Sumatran Muscidae, 1613; SCHUURMANS STEKHOVEN, supplement to monograph of Tabanids of the Dutch East Indian Archipelago, 2294.—*Hemiptera*: FUNKHOUSER, Membracidae of Mentawi Is., 887; MUIR, Mentawi Is., Fulgoroidea, 1755.—*Dermoptera*: BORELLI, Mentawi Is., list, 293.—*Orthoptera*: HANITSCH, Blattidae, Mentawi Is., 1044; WERNER, Mantidae (Orth.) from Mentawi Is., 2777; WILLEMSE, Acrididae of Mentawi Is., 2809.—*Collembola*: HANDSCHIN, Java, 1042.

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*Coleoptera*: HELLER, *Lophochirus aruensis* sp. n. (Curc.), 1110; LEA, *Nechyrus scutellatus* sp. n. (Curc.), 1490; SPAETH, *Lorentzocassis aruensis* sp. n. (Cassid.), 2416.

##### BISMARCK ARCHIPELAGO.

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*Coleoptera*: DIDIER, *Aegus meeki* sp. n. (Lucanid.), 651.—*Lepidoptera*: TALBOT, *Delias dice* subsp. n. (Pierid.), 2495; TOXOPEUS, *Nacaduba kurava* subsp. n. (Lycan.), 2594.

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*Coleoptera*: HELLER, Buru, *Lophochairus buruensis* sp. n. (Curc.), 1110; KLEINE, Batjan, new *Metriorrhynchus* (Lycid.), 1346; NAGEL, Buru, *Eurytrachelus intermedius* var. n. (Lucanid.), 1789; OBENBERGER, new *Chrysodema* (Buprest.), 1838.—*Lepidoptera*: BOUVIER, new Saturniidae, 314.—*Neuroptera*: NAVÁS, Waigeu I., *Spilosmylus zaverii* sp. n. (Osmyl.), 1801.

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NAGEL, *Aegus barbatus* sp. n. (Lucanid.), 1792; OBENBERGER, *Paracupta helopioides* subsp. n. (Buprest.), 1838.—*Lepidoptera*: EVANS, *Hasora* spp. n. (Hesper.), 774.—*Diptera*: MALLOCH, *Euprosopia tegularia* sp. n. (Ortal.), 1616.

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### ERRATA.

Vol. lxiii, 1926, no. 860, for "7 pp. 160-164; 8 pp. 35-39" read "7 pp. 35-39, 160-164."

Vol. lxiii, 1926, no. 2275, for "pp. 367-376" read "pp. 369-376."

Vol. lxiii, 1926, no. 3074a, for "6" read "5"

Vol. lxiv, 1927, no. 56, insert "Tech." before "Bull."

Vol. lxiv, 1927, no. 272, for "Borel, M." read "Borel, E."

Vol. lxiv, 1927, no. 429, for "ix + 183 pp." read "ix + 187 & 183 pp."

Vol. lxiv, 1927, no. 1249, for "HOSECHECK" read "HOSCHECK"

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*Halecia erythropus* Gor. (= *pyropus* Kerr.) p. 252, THÉRY Ann. Soc. ent. Fr. 96 1927.—*H. achardi*, *lucniki* Brazil, *anniae* Cayenne, spp. n. p. 139, OBENBERGER Arch. Naturg. 92 A 10.—*H. blanda* see *Pelecopselaphus elongatus*.

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*Latipalpis plana* var. n. *inaurata* France p. 130, MÉQUIGNON Bull. Soc. ent. Fr. 1928.

*Liuis conicus* C. & G. ? (= *magnus* Kerr.), *othus* Saund. (= *preyissi* Obenb.) *purpurascens* Thoms. (= *hoscheki* Obenb.) p. 261, THÉRY Ann. Soc. ent. Fr. 96 1927.

*Mastogenius frenchi* sp. n. Victoria p. 456 fig., THÉRY Proc. Linn. Soc. N. S. W. 53.

*Megactenodes jakobsoni* sp. n.; *ebennina* subsp. n. *nigropolita* Congo, var. n. *smaragdiventris* Kamerun p. 278, OBENBERGER Arch. Naturg. 92 A 11.

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*Metataenia cupreosplendens* Kerr. (= *clothildae* Gestro) from *Paracupta* p. 253, THÉRY Ann. Soc. ent. Fr. 96 1927.

*Micropistus igneiceps* Saund. from *Philoctaenus* p. 252, THÉRY t.c.

*Mrazia* gen. n., *zoufali* sp. n. Cochinchina p. 134, OBENBERGER Arch. Naturg. 92 A 10.

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*Neobubastes aureocincta* Blk. (= *Castelnudina australasiae* Obenb.) p. 270, CARTER Proc. Linn. Soc. N.S.W. 53.

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*Sambus* Deyr. (= *Arrowia* Obenb.), *marshalli* distinct sp. p. 135, THÉRY Bull. Ann. Soc. ent. Belg. 68.

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#### ERRATA.

Vol. lx, 1923, p. 178, 1st col. for "*Dendrugus*" read "*Dendrurgus*"

Vol. lxii, 1925, p. 229, 2nd col. for "*Cylindropomus*" read "*Cylindrepomus*"

Vol. lxiii, 1926, p. 165, line 2 for "7 no. 152 pp. 160–164, 8 pp. 35–39" read "7 no. 147 pp. 35–39; no. 152 pp. 160–164"

Vol. lxiii, 1926, p. 197, 2nd col. for "*Daiphoturis*" read "*Diaphoturis*"

Vol. lxiii, 1926, p. 233, 1st col. transfer "*Melixanthus*" to CRYPTOCEPHALIDAE.

Vol. lxiii, 1926, p. 236, 2nd col. for "*Paradibola*" read "*Paradibolia*"

Vol. lxiv, 1927, p. 159, 1st col. 13 lines from bottom for "ix + 183 pp." read "ix + 187 & 183 pp."

Vol. lxiv, 1927, p. 174, 2nd col. transfer "*Agathidium*" to LIODIDAE.

Vol. lxiv, 1927, p. 175, 2nd col. for "*Scaphosoma*" read "*Scaphisoma*."

Vol. lxiv, 1927, p. 185, 2nd col. transfer "*Cephalolia*" to HISPIDAE.

Vol. lxiv, 1927, p. 190, 1st col. for "*Orphorus*" read "*Oophorus*"

Vol. lxiv, 1927, p. 190, 2nd col. 13 lines from end, p. 191, 1st col. 17 lines from end and p. 192, 1st col. line 15 for "HOSECHECK" read "HOSCHECK"

Vol. lxiv, 1927, p. 208, 1st col. transfer "*Rhynchaenus*" to p. 207, 2nd col.

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*Mimopydna* gen. n. for *Pydna pallida* Wlk. p. 37, MATSUMURA Trans. Sapporo Nat. Hist. Soc. 9 1924.

*Misogada brioca* sp. n. Argentina p. 21, SCHAUS Proc. U. S. Nat. Mus. 73 art. 19.

*Neopheogia cathana* sp. n. Philippines p. 81, SCHAUS t.c.

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*Norraca ordgara* sp. n. Philippines p. 89, SCHAUS Proc. U. S. Nat. Mus. 73 art. 19.

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*Notoplusia marchiana* Colombia, *tal-mecana* Brazil, spp. n. p. 20, SCHAUS Proc. U. S. Nat. Mus. 73 art. 19.

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*Pterostoma grisea* Brem. (= *g. ab. brunnea* Graes.) p. 227, FILIPJEV Annu. Mus. zool. Acad. Leningrad 28 1927.

*Ptilophora plumigera* ab. *berolinensis* n. n. for ab. *pallida* Closs nec Hoffm. & Klos; p. ab. *plumigerella* n. n. for ab. *obscura* Closs nec Schwing. p. 282, STRAND Arch. Naturg. 91 (1925) 1927 A 12.—*P. sutchana* sp. n. Ussuri p. 82 fig., BANG-HAAS Horae Macrolep. 1 1927.

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## ERRATA.

Vol. lxii, 1925, p. 284, 1st col. transfer "*Cydosia*" to NOCTUIDAE.

Vol. lxiii, 1926, p. 289, 1st col. transfer "*Apatelodes*" to BOMBYCIDAE.

Vol. lxiii, 1926, p. 298, 2nd col. for "*Eumea*" read "*Fumea*"

Vol. lxiii, 1926, p. 308, 1st col. for "*Craneodes*" read "*Cranaodes*"

Vol. lxiii, 1926, p. 317, 1st col. for "*Pamene*" read "*Pammene*"

Vol. lxiv, 1927, p. 233, 1st col. 4 lines from end for "*heloïdes* f. n. *williamsi* ;  
*thoë* ff. n. *sternitzkyi*, *wyatti*" read "*heloïdes* ff. n. *sternitzkyi*, *williamsi* ; *thoë*  
f. n. *wyatti*"

Vol. lxiv, 1927, p. 243, 2nd col. transfer "*Cymatophora*" to THYATIRIDAE.

Vol. lxiv, 1927, p. 249, 2nd col. for "*Theolusia*" read "*Thelosia*"

Vol. lxiv, 1927, p. 249, 2nd col. transfer "*Bombycia*" to NOCTUIDAE.

Vol. lxiv, 1927, p. 252, 1st col. transfer "*Dichonia*" to NOCTUIDAE.

Vol. lxiv, 1927, p. 257, 2nd col. transfer "*Citheronia*" to CERATOCAMPIDAE.

Vol. lxiv, 1927, p. 270, 1st col. line 31 and 2nd col. 11 lines from end ; p. 271,  
2nd col. 3 lines from end ; p. 273, 1st col. 3 lines from end and 2nd col. line 11 ;  
and p. 276, 1st col. 3 lines from end for "**43**" read "**53**"

Vol. lxiv, 1927, p. 275, 1st col. for "*Mammaroxena*" read "*Marmaroxena*"

Vol. lxiv, 1927, p. 275, 2nd col. for "*Ortheuches*" read "*Orthenches*"

Vol. lxiv, 1927, p. 275, 2nd col. transfer "*Oxyptilus*" to PTEROPHORIDAE.

Vol. lxiv, 1927, p. 276, 2nd col. transfer "*Platyptilia*" to PTEROPHORIDAE.

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*Camaromyia toba* sp. n. Argentina p. 29 fig., LINDNER Konowia 7.

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*Ceratitoides* gen. n. p. 365, *nigromaculata* sp. n. Uganda p. 366, HENDEL Ent. Mitt. 17.

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*Coelopacidia* key p. 348, *apicalis*, *carinata* spp. n. E. Africa p. 349, HENDEL Ent. Mitt. 17.

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*Euaresta plesia* sp. n. Porto Rico p. 71 fig., CRESSON in CURRAN t.c.—*E. adelphica* see *Dyseuaresta*, *obscuriventris* see *Tetreuaresta*.

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*Spheniscomyia binoculara* sp. n. Fiji p. 115 fig., BEZZI Dipt. Fiji.

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*Podanema* gen. n., *atrata* sp. n. Australia p. 308, MALLOCH Proc. Linn. Soc. N. S. W. 53.—P. see *Toxopoda*.

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## ERRATA.

Vol. lx, 1923, p. 297, 2nd col. line 33 delete "Proc."

Vol. lxiii, 1926, p. 374, 1st col. 6 lines from end for "NAVÁS" read  
"SZILÁDY"

Vol. lxiv, 1927, p. 286, 2nd col. for "*Protanthidium*" read "*Proanthidium*"

Vol. lxiv, 1927, p. 290, 2nd col. transfer "*Ancistrocerus*" to Eumenidae.

Vol. lxiv, 1927, p. 302, 1st col. transfer "*Ophelosia*" to Pteromalidae.

Vol. lxiv, 1927, p. 318, 1st col. for "*Lipneura*" read "*Liponeura*"

Vol. lxiv, 1927, p. 328, 2nd col. transfer "*Stylogaster*" to Conopidae.

Vol. lxiv, 1927, p. 356, 1st col. for "*Lispe*" read "*Lispa*"



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†*Aerophasma* gen. n. p. 320, *prynadai* sp. n. Upper Lias, Turkestan p. 321 fig., MARTYNOV t.c.

†Chresmododea subord. n. for fams. Chresmodidae, Necrophasmidae p. 327, Aeroplanidae, Aerophasmidae key p. 328, MARTYNOV t.c.

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†*Miomatoneura* *rotundata*, *intermedia* spp. n. Permian, Russia p. 75 figs., MARTYNOV t.c.

†Palaeomantidae redescribed p. 67, key to spp. p. 69, MARTYNOV t.c.

†*Palaeomantis* redescribed p. 70, *aequalis* sp. n. Permian, Russia p. 72 figs., MARTYNOV t.c.

†*Palaeomantopsis* gen. n., *furcatella* sp. n. Permian, Russia p. 83 fig., MARTYNOV t.c.

†*Pseudomantis* gen. n., *minuta*, *incerta* spp. n. Permian, Russia p. 73 figs., MARTYNOV t.c.

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†*Thnetodes* gen. n., *craticius* sp. n. Permian, Russia p. 5, MARTYNOV t.c.

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†*Epimastacidae* fam. n. Permian, Russia p. 62, MARTYNOV Trav. Mus. géol. Acad. Sci. U.S.S.R. 4.

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*Oryctoblattina* see *Blattinopsiella*.

†*Lindonopsis* gen. n. p. 60, *subcostalis* p. 61, *reducta* p. 62 spp. n. Permian, Russia figs., MARTYNOV t.c.

## Protocoleoptera.

†Protocoleoptera discussed, *Protocoleus* to Protorthoptera, FORBES Psyche 35 pp. 32-35 4 figs.

## Protodonata.

†*Typus whitei* sp. n. Lower Permian p. 189 figs., CARPENTER Psyche 35.

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†*Artinska* Sell. (= *Estadia* Sell., *Lectrum* Sell.) p. 315; *sellardsi* sp. n. Kansas, Permian p. 330 figs., TILLYARD Amer. J. Sci. (5) 16.

†*Estadia* see *Artinska*.

†*Lectrum* see *Artinska*.

†*Lemmatophora* revision of genus p. 187, key p. 191; *typica* described p. 193, varr. n. *quadrifurcata*, *conjuncta* p. 212, *quadrimedia* p. 213; *minuta* Sell. from *Lisca* Sell. p. 215 described, varr. n. *pusilla*, *semitincta* p. 218, *obscurata*; *reducta* sp. n. p. 219 Permian Kansas, figs., TILLYARD t.c.

†*Lemmatophoridae* Sell. (= *Ortidae* Sell.) p. 314, revision p. 315 etc. figs., TILLYARD t.c.

†*Lisca minuta* see *Lemmatophora*.

Ortidae see *Lemmatophoridae*.

†*Sellardsia* gen. n. p. 343, *kansasensis* p. 344, *lecorioides* p. 345, spp. n. Kansas, Permian figs., TILLYARD t.c.

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†*Aboilus besobrasovae* sp. n. Jurassic, Turkestan p. 129. COCKERELL Psyche 35.

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†*Itactophila* gen. n., *termitoides*  
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MARTYNOV Trav. Mus. géol. Acad.  
Sci. U.S.S.R. 4.

†*Camponeura* gen. n., *reticulata*  
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†*Camponeuridae* fam. n. (nr. *Palaeo-*  
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†*Eusphygma* gen. n., *parabellum*  
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†*Eusphygma* (nr. *Caloneuridae*)  
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†*Hypoperlidae* fam. n. p. 57, MARTY-  
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†*Pinegia* gen. n., *oknowae* sp. n.  
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†*Protocoleus* from *Protocoleoptera*  
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†*Stenaropodites* gen. n. p. 47, *reticulata*  
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#### ERRATA.

Vol. Ixi, 1924, p. 317, 1st col. transpose synonymy of "*Isotoma pulchella* and *Archaeotoma beasei*"; 2nd col. transpose synonymy of "*Podurhippus pityriasicus* and *Hypogastrura manubriatis*".

Vol. Ixii, 1925, p. 387, 2nd col. transfer "*Kelisia*" to Delphacidae.

Vol. Ixiii, 1926, p. 421, 2nd col. transfer "*Halovelia*" to Gerridae.

Vol. Ixiii, 1926, p. 442, 1st col. line 14 for "pp. 367-376" read "pp. 369-376".

Vol. Ixiii, 1926, p. 446, 1st col. line 7 for "6" read "5".

Vol. Ixiv, 1927, p. 388, 2nd col. 14 lines from end for "*börnei*" read "*bornei*".

Vol. Ixiv, 1927, p. 391, 1st col. line 4 and p. 392, 1st col. line 22 for "2" read "11".

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